ITEM	QTY -041	PART NUMBER	DESCRIPTION	
	X	D4464-041	FUEL TANK ASSEMBLY	
1	2	D3997-5	PLACARD (AUX FUEL DRAIN)	
2	1	D3997-11	PLACARD (LOADING)	
3	1	D3997-17	PLACARD (STOWAGE)	
4	1	D3997-29	PLACARD (WARNING)	
5	1	D3997-43	PLACARD (EARTH)	
6	1	D3999-7	CORNER	
7	1	D4000-1	FUEL SUPPLY FITTING	E
8	1	D4000-5	FUEL TANK VENT FITTING	
9	3	D4000-9	GROMMET	
10	1	D4000-045	FUEL PICK UP AND STRAINER ASSEMBLY	
11	1	D4008-11	TANK HINGE HALF	
12	1	D4008-041	FUEL FILLER SPLASH GUARD ASSEMBLY	
13	1	D4023-1	FUEL CAP FLANGE	
14	1	D4023-3	FUEL CAP	
15	1	D4025-5	FUEL SENDER	
16	3	D4057-1	RETAINER	
17	1	D4062-041	TANK SUPPORT	
18	4	D4124-1	TAB	
19	1	D4125-1	FWD SEDIMENT BOWL	
20	1	D4125-3	AFT SEDIMENT BOWL	
21	2	D4404-5	CUSHION, FWD	E
22	1	D4462-1	BAFFLE	E
23	1	D4462-3	BAFFLE	E
24	1	D4463-041	TOP TANK ASSEMBLY	
25	1	D4463-3	TANK AFT END	E
26	1	D4463-5	TANK UPPER CUT OUT	
27	1	D4463-7	TANK FORWARD END	
28	1	D4463-9	TANK BACK	E
29	1	D4463-11	TANK FRONT	E
30	1	D4463-13	TANK BOTTOM	
31	1	D4577-041	FWD ACCESS PANEL ASSEMBLY	
32	1	D4577-1	REAR ACCESS PANEL	
33	1	D4577-3	MIDDLE ACCESS PANEL	
34	1	D4968-1	CUSHON, SIDE	E
35	1	D4975-1	ANGLE BRACKET	E
36	24	AN3C4A	BOLT	
37	5	AN3-5A	BOLT	
38	4	AN3-6A	BOLT	E
39	4	MS20426AD4-4	RIVET, SOLID, CSK	E
40	8	MS20426AD4-6	RIVET, SOLID, CSK	E
41	165	MS20470AD4-4	RIVET, SOLID, PAN HEAD	E
42	4	MS21042L3	NUT	
43	5	NAS1149D0332J	WASHER	E
44	32	NAS1149D0363J	WASHER	

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2014 -06- 11

REV.	DESCRIPTION	BY	DATE
E	UPDATED -041 WITH RE-DESIGNED D4463-3/-9/-11 AND D4462-1/-3. D4968-1 REPLACES D4404-5 ON TANK SIDE (ZN C3-2) REF NCR 13-3100 AN3-6A REPLACES MS35206-266 (ZN B8-2) NAS1149D0332J REPLACES 5 X NAS1149D0363J (ZN D7-2) REF PAR 12-217 D4975-1 REPLACES D3999-9 (ZN C3-2) REMOVED TAB D3999-11 AND MOVED D3997-43 PLACARD (ZN B6-5) UPDATED BILL OF MATERIALS REVISED ALL NOTES REMOVED SHEET 5	ML	14.05.13
D	ADDED NOTE RE HAND FORMING D4124-1, ZN A8-4.	DC	12.05.02
C	UPDATED -041 WITH RE-DESIGNED D4463-11/-13 REV. C PARTS, ZN B6-2. UPDATED -041 WITH RE-DESIGNED D4577-041/-3/-5 PARTS, ZN C6-2.	DC	12.03.27
B	UPDATED -041 WITH RE-DESIGNED PARTS. REMOVED D4463-13. ADDED D4577-041/-1/-5 ACCESS PANELS, ZN C6-2.	DC	11.12.14
A	NEW ISSUE. REF PAR11-117 & CAR 11-54.	DC	11.10.19

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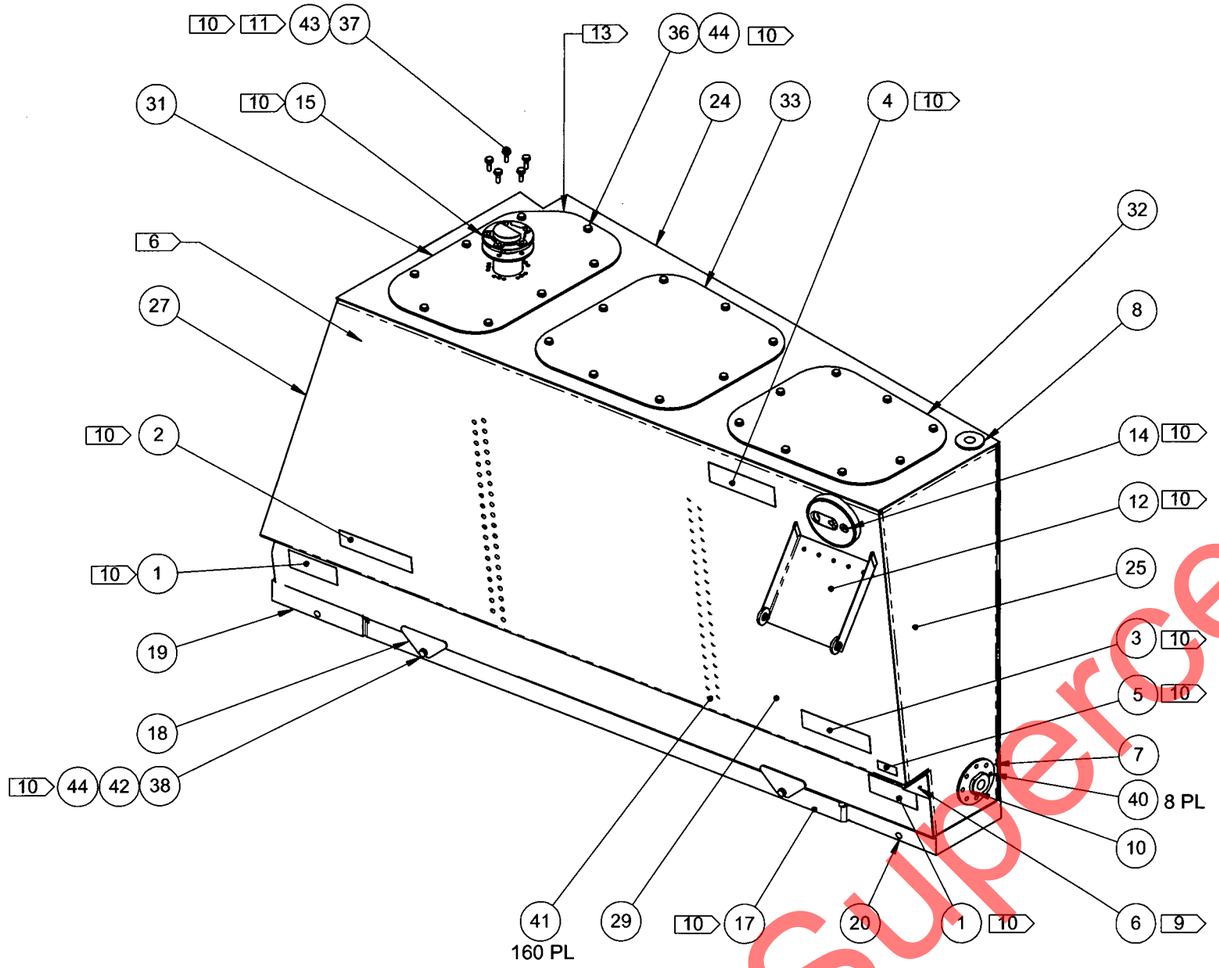
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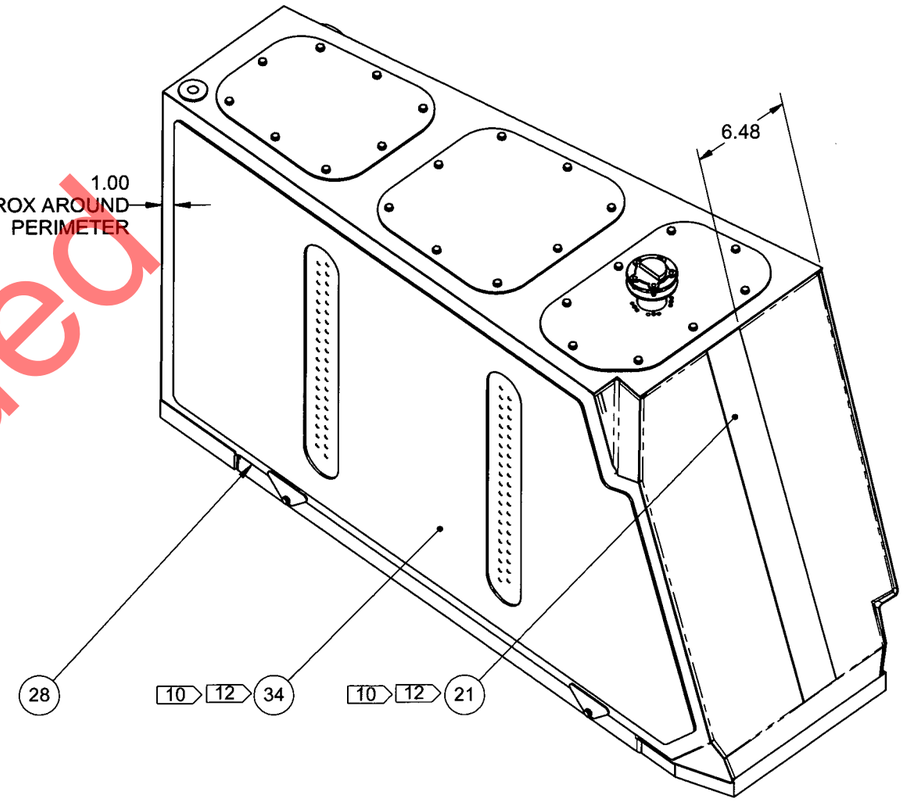
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HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4464 REV. E
SHEET 1 OF 4

TITLE
TANK ASSEMBLY
SCALE NTS

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E D4464-041 FUEL TANK ASSEMBLY

NOTES: E
1) MATERIAL: N/A
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
PRIME TEMPO GREY (4.2.1.3.2) PER DART QSI 005 4.2
PAINT GREY (4.2.2.3) PER DART QSI 005 4.22
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D350-794-141" USING D2729-1 RED DECAL
7) WEIGHT: 39.21 lbs
8) CAP ALL TANK ACCESS POINTS AND PRESSURE TEST TANK PER QSI 038 6.3. VERIFY NO LEAKS
9) MASK PRIOR TO FINISH
10) INSTALL AFTER FINISH
11) LOCKWIRE BOLTS AFTER INSTALLATION PER AC 43.13 OR MS33540
12) INSTALL CUSHION USING CONTACT CEMENT. TRIM TO FIT IF REQUIRED
13) INSTALL D4577-041/-3/-5 ACCESS PANELS WET WITH PROSEAL P/S 890B.

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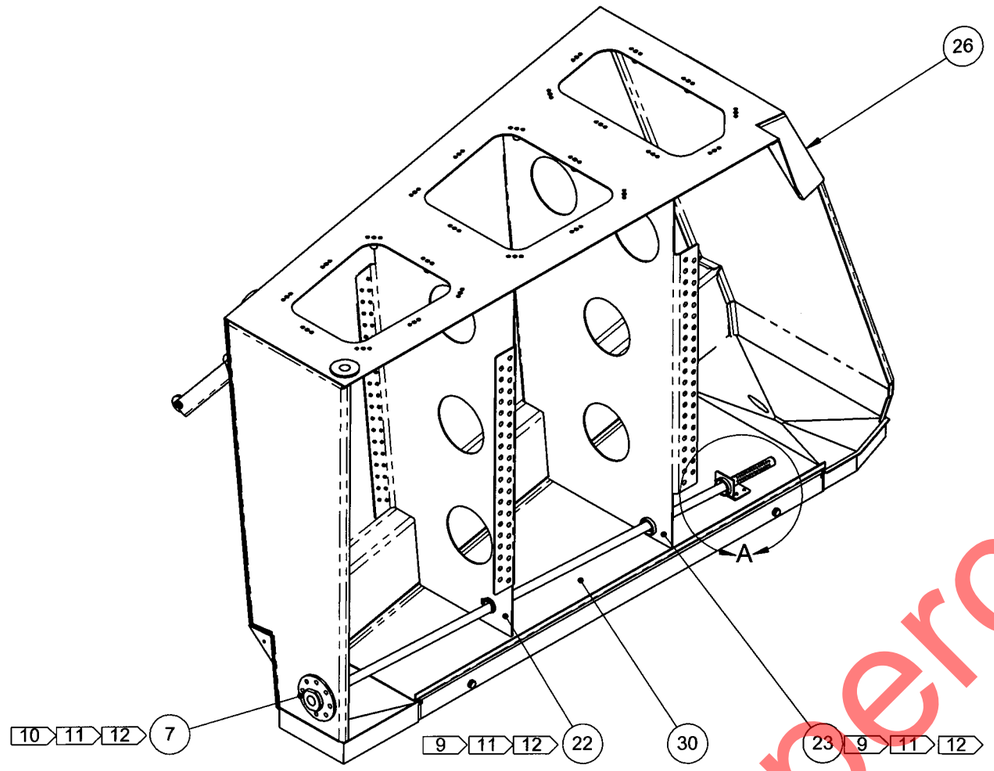
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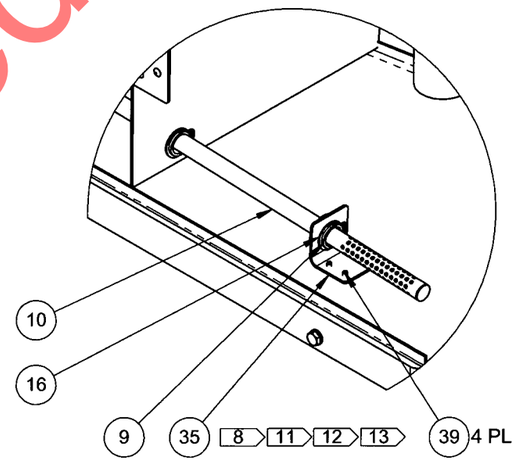
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D4464-041 FUEL TANK ASSEMBLY E
D4463-9 TANK BACK REMOVED
TO SHOW INTERIOR DETAIL

DETAIL A
ROTATED FOR CLARITY
SCALE 2X

Superceded

NOTES: E
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: 39.21 lbs
8) COAT FAYING SURFACES OF D4975-1 ANGLE BRACKET AND D4463-13 TANK BOTTOM WITH PROSEAL P/S 890B AND WET INSTALL MS20426AD4-4 RIVETS
9) COAT FAYING SURFACES OF D4462-1/-3 BAFFLES AND D4463-9/-11 TANK FRONT/BACK WITH PROSEAL P/S 890B AND WET INSTALL MS20470AD4-4 RIVETS
10) COAT FAYING SURFACES OF D4000-1 FUEL SUPPLY FITTING AND D4463-3 TANK AFT END WITH PROSEAL P/S 890B AND WET INSTALL MS20426AD4-6 RIVETS
11) FILLET SEAL THE INTERIOR OF THE TANK AROUND THE EDGE OF D4975-1 ANGLE BRACKET, D4462-1/-3 BAFFLES AND D4000-1 FUEL SUPPLY FITTING WITH PROSEAL P/S 890B
12) DOME SEAL ALL BUCKED ENDS OF RIVETS WITH PROSEAL P/S 890B
13) TRANSFER DRILL ∅0.128 HOLES FROM D4975-1 ANGLE BRACKET INTO D4463-13 TANK BOTTOM AND COUNTERSINK HOLES ∅ 0.225 X 100° FROM THE OUTSIDE OF THE TANK

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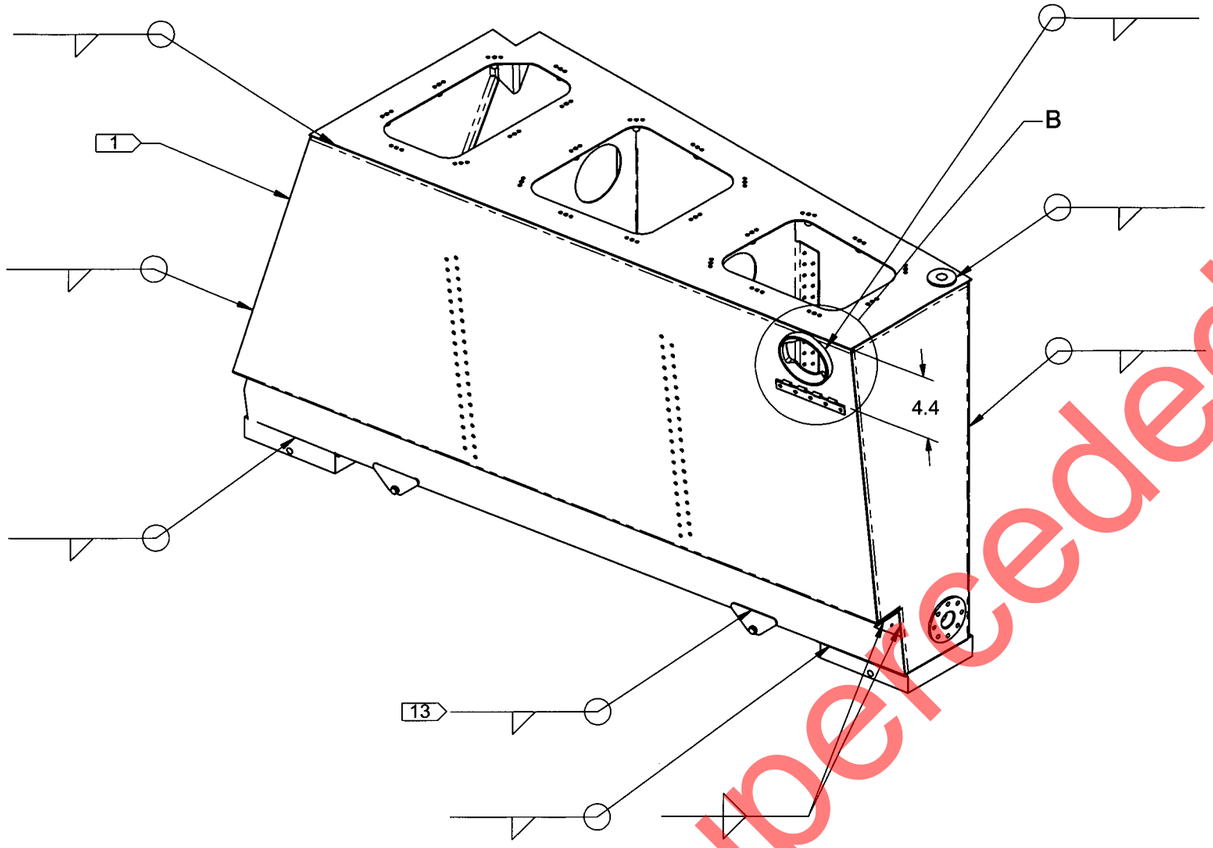
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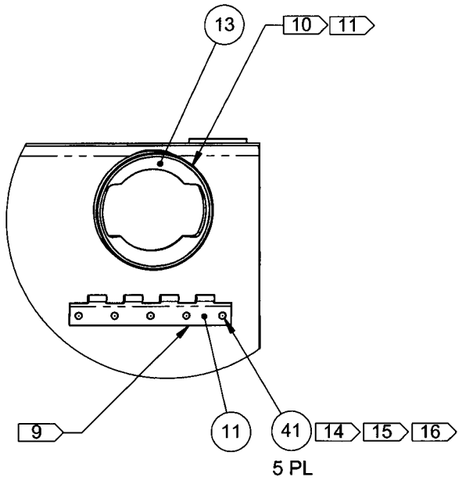
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SHEET 3 OF 4

TITLE TANK ASSEMBLY
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D4464-041 FUEL TANK ASSEMBLY
WELDING AND RIVETING DETAIL



DETAIL B
ROTATED FOR CLARITY
SCALE 2X

Superceded

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2014 -06- 11

NOTES: E
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: N/A
8) TRIM FLANGES AS REQUIRED TO FIT ASSEMBLY
9) CENTER HINGE BELOW FUEL CAP FLANGE
10) POSITION FUEL CAP FLANGE AS SHOWN, ELONGATED HOLE APPROXIMATELY HORIZONTAL
11) POSITION FUEL CAP FLANGE SO THAT INNER FACE IS FLUSH WITH INSIDE OF TANK
12) WELD PER DART QSI 004
13) USE THE D4062-041 TANK SUPPORT ASSEMBLY TO POSITION THE D4124-1 TABS BEFORE WELDING
 D4124-1 TABS MAY BE HAND FORMED AS REQUIRED TO FIT D4062-041 ASSEMBLY BEFORE WELDING
14) COAT FAYING SURFACES OF D4008-11 TANK HINGE HALF AND D4463-11 TANK FRONT WITH PROSEAL P/S 890B
 AND WET INSTALL MS20470AD4-4 RIVETS
15) FILLET SEAL THE INTERIOR OF THE TANK AROUND THE EDGE OF THE BAFFLES WITH PROSEAL P/S 890B
16) DOME SEAL ALL BUCKED ENDS OF RIVETS WITH PROSEAL P/S 890B

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